

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 January 2005 (27.01.2005)

PCT

(10) International Publication Number
WO 2005/008336 A2

(51) International Patent Classification⁷: **G03F 7/004**

(21) International Application Number:
PCT/NL2004/000522

(22) International Filing Date: 21 July 2004 (21.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03102269.2 23 July 2003 (23.07.2003) EP

(71) Applicant (for all designated States except US): **DSM IP ASSETS B.V.** [NL/NL]; Het Overloon 1, NL-6411 Te Heerlen (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SHAHAB, Jahromi** [NL/NL]; Foldersdreef 32, NL-6216 TE Maastricht (NL). **DERKS, Franciscus, Johannes, Marie** [NL/NL]; In de Hoven 12, NL-6093 DK Heythuysen (NL). **LYAPUNOV, Andrey, Yaroslavovich** [RU/RU]; Dmitriya Ulyanova street 1/61, Apt., 141, 119333 Moscow (RU).

(74) Agent: **DORRESTIJN, Antoon**; DSM Intellectual Property, P.O. Box 9, NL-6160 MA Geleen (NL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DISSOLUTION INHIBITORS IN PHOTORESIST COMPOSITIONS FOR MICROLITHOGRAPHY

(57) Abstract: The invention relates to photoresist composition suitable for use at 10-165 nm comprising: (a) a polymeric binder (b) a photoactive compound (c) a dissolution inhibitor, the dissolution inhibitor comprising at least (i) two aromatic groups, (ii) fluorine and (iii) a blocked acid group which when unblocked has a pKa < 12. Preferred dissolution inhibitors are optionally blocked bisphenol derivatives in which the bridging carbon atom is substituted with a fluorinated aliphatic group.

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